



Mined Land Reclamation Program
RECLAMATION PLAN

K.S.A. 49-602. It is the policy of this state to provide for the reclamation and conservation of land affected by surface mining and thereby to preserve natural resources, protect and perpetuate the taxable value of property, and protect and promote the health, safety and general welfare of the citizens of this state.

SITE INFORMATION

Company/County Name _____ **License Number** _____

Street Address 1 _____

Street Address 2 _____

City _____ **State** _____ **Zip** _____

E-mail _____

Telephone _____ **Fax** _____

Date of Application _____

THIS RECLAMATION PLAN WILL BE VALID FOR 10 YEARS FROM THE DATE OF DOC APPROVAL.
Expiration Date: _____

SITE INFORMATION

Site Number	Site Name	County	Legal Description				East/ West
			Q	S	T	R	

Material(s) to be Extracted: ___ Limestone ___ Sand & Gravel ___ Sand ___ Rock ___ Shale ___ Gypsum
 ___ Sandstone ___ Landfill ___ Quartzite ___ Stone ___ Caliche ___ Salt ___ Gravel ___ Soil ___ Topsoil
 ___ Clay ___ Volcanic Ash

Street address of site _____

Is the site leased or owned by the operator? _____

Pre-mining land use? _____ **Total acreage of the registered site?** _____

What is the total acreage of mining operation (includes roads, stockpiles, storage etc.)? _____

Indicate the approximate depth in feet of the following:

topsoil _____ mineral layer(s) 1) _____
 overburden minus topsoil _____ 2) _____

RECLAMATION PLANNING

Do you intend to reclaim as you mine? _____ Or when mining is completed? _____
What is the expected total acreage of land to be affected at the site during the life of the mine? _____

(Affected land is defined as the land area where overburden has been removed for mining, overburden storage area, or both)

What is the intended post-mining land use? (check all that may apply)

Use	Estimated Acreage	Use	Estimated Acreage
____ 1. Pasture	_____	____ 6. Commercial/Industrial	_____
____ 2. Farmland	_____	____ 7. Wildlife Habitat	_____
____ 3. Forest	_____	____ 8. Recreation	_____
____ 4. Lake or Pond	_____	____ 9. Other	_____
____ 5. Residential	_____		

K.S.A. 49-611. (a) An operator authorized under this act to operate a mine, after completion of mining operations and within the time specified in K.S.A. 49-613, shall:

- (1) Grade affected lands except for impoundments and pit floors to slopes no steeper than one foot vertical rise for each three feet of horizontal distance. Where the original topography of the affected land was steeper than one foot of vertical rise for each three feet of horizontal distance, the affected lands may be graded to blend with the surrounding terrain. The grading of high banks of sand pits and highwalls may be modified or exempted by the Director.
- (2) Provide for the vegetation of the affected lands, except for impoundments, pit floors, and highwalls, as approved by the Director before the release of the bond as provided in K.S.A. 49-616.

I understand under Kansas law I am required to reclaim mined land after completion of mining operations unless a variance is granted by the Director or their designee of the Division of Conservation under authority granted in K.S.A. 49-611 (d). _____ Initial

GRADED SLOPES AND FILL AREAS ARE REQUIRED TO BE VEGETATED TO PREVENT EROSION AND SOIL LOSS. Vegetation may include grasses, forbs, legumes, shrubs and trees. Division of Conservation suggests the operator use the grass mixtures recommended by the Natural Resources Conservation Service/ County Conservation District, or KSU Extension for the area.

Please indicate the type or species of grass or other vegetation that will be planted on the reclaimed land:

Brome Fescue Native Grass Other

Topsoil: K.S.A. 49-611. (c) Topsoil that is a part of overburden shall not be buried or destroyed in the process of mining.

I understand that topsoil will not be buried or destroyed in the process of mining. _____ Initial.

An approximately equal amount of topsoil that was on the site prior to mining must be placed over the areas to be seeded after mining. Do you plan to remove any of the topsoil from the site? _____ **Yes** _____ **No**
If yes, then state the approximate amount of topsoil to be stockpiled for reclamation on site. _____

Certain topsoil reclamation requirements under K.S.A. 49-601 through 624 may receive a variance by the Director or their designee of the Division of Conservation.

When mining is complete, final reclamation planning should occur in consultation with the DOC before beginning reclamation work.

SET-BACK DISTANCE FROM ADJOINING PROPERTY

Although not part of the Surface Mining Land Reclamation and Conservation Act, this statute applies to landowners with land that is mined. The set-back distance should also be enough to allow for the required 3:1 slope of affected mine land to be achieved when shaping is required.

K.S.A. 49-501. Limits on excavation of certain land; civil remedies for violations.

(a) From and after the effective date of this act, land which is located outside the limits of any incorporated city and which is not zoned or is zoned for agricultural use shall not be excavated for limestone mining or quarrying purposes unless there is, for each foot of depth excavated, at least one foot of unexcavated land between the excavation and the property line of the person who owns the land being excavated. The requirement for maintenance of unexcavated land along a property line shall not be required if adjoining lands upon both sides of such property line are being excavated for such purpose.

(b) The commission of any act in violation of subsection (a) shall render the violator liable to the adjoining landowner for the payment of a civil penalty of \$1,000 plus actual damages and reasonable attorney fees, recoverable in an action brought by the adjoining landowner.

RECLAMATION REQUIREMENTS

Grading: Shall be completed within **6 months** after receipt of the Final Surface Mining Completion Report.

Seeding: Shall be completed within **one year** or after conclusion of grading, considering optimal seeding time, spring or fall.

Vegetation establishment: Shall be completed in **one to three years**, depending upon vegetation type and/or the amount of rainfall and weather conditions. Each operator shall allow the seeded vegetation at least one year to become established before filing a *Reclamation Approval Request* form.

Natural Resources Conservation Service (NRCS) – *Provides seeding recommendations and conservation planning at no cost. The county Conservation District is normally co-located with the NRCS and can provide a list of grass seeding contractors in your county and often sell grass seed.*

K.A.R. 11-8-7. Reclamation requirements. Reclamation of affected lands shall meet the following standards, in addition to the standards listed in K.S.A. 49-611, and amendments thereto.

(a) Affected lands shall be graded to allowable slopes within six months after filing the final report for the site.

(b) In grading the affected lands, all mining-related waste products and machinery incompatible with the care and growth of vegetation shall be removed from the affected lands. Boulders and stones incompatible with the proposed post-mining use of the site shall be buried or removed from the site.

(c) Topsoil and overburden, or if topsoil was not present initially, then overburden only, shall be preserved in an amount specified in the reclamation plan on the site for reclamation of affected lands.

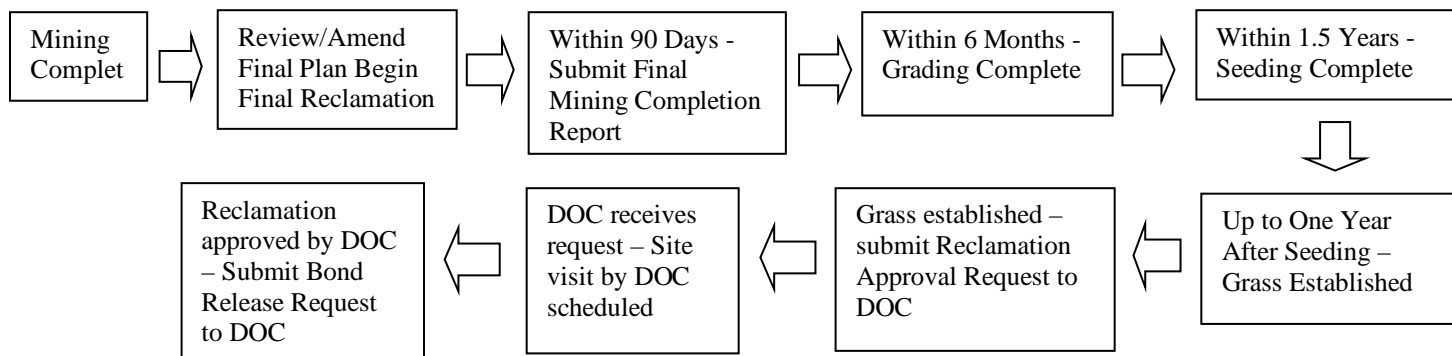
(d) Within one year following the conclusion of all earthwork, seeding of all areas in which vegetation is to be provided shall be completed to the extent permitted by weather and planting requirements.

- (e) Erosion control methods shall be used where necessary to prevent rill and gully formation.
- (f) Each operator shall allow the seeded vegetation at least one year to become established before filing a release request.
- (g) A variance from the requirements of sub-sections (a), (d) and (f) of this regulation, may be granted by the Director or their designee of the Division of Conservation if the operator submits a written request at least 30 days before the initiation of affected reclamation activities. (Authorized by K.S.A. 49-623; implementing K.S.A. 49-611; effective June 19, 1995.)

I understand that under Kansas law, after completion of mining operations, I am required to reclaim mined land in accordance with the standards identified in the reclamation plan unless a variance is granted by the State Conservation Commission under authority granted in K.S.A. 49-611 (d) and K.A.R. 11-8-7. _____ Initial

RECLAMATION PROCESS

*Within 3 years after the mining completion report is filed with the DOC all reclamation must be completed.
K.S.A. 49-613(a).*



By checking the box, I acknowledge that I have read the above statement and do hereby demonstrate my understanding and agreement to abide by these guidelines.

SIGN REQUIREMENTS

K.S.A. 49-607. Signing of Site (c) A mine site registered pursuant to this section or K.S.A. 49-616 shall have, at the primary entrance to the mine site, a clearly visible sign which sets forth the name, business address and phone number of the operator. Failure to post and maintain a sign as required by this subsection, within 30 days after notice from the Executive Director, invalidates the registration.

By checking the box, I acknowledge that I have read the above statement and do hereby demonstrate my understanding and agreement to abide by these guidelines.

RECLAMATION MAP REQUIREMENTS

Location Maps should be aerial photographs or enlarged topographic maps of the entire mine area and of a scale sufficient to clearly illustrate the following:

- (1) Outline of the registered site detailing the affected areas, incremental mining areas;
- (2) Outline of the stockpile area;
- (3) Outline of the overburden stockpile areas;
- (4) Outline of the settling ponds;
- (5) Location of plant sites or processing areas;
- (6) Location of roads both existing and planned on-site; and
- (7) Location of planed and existing on-site buildings.
- (8) The proposed final limits of the excavation, during the number of years for which the permit is requested.

Map Sources:

Google Maps
Google Earth
CAD Drawings

By checking the box, I acknowledge that I have read the above statement and do hereby demonstrate my understanding and agreement to abide by these guidelines.

SIGNATURES

Operator responsible for reclamation:

As a representative of the above-named company, I certify that the above information is correct to the best of my knowledge, and that the above-named company/county has the authority to operate a mine on the site listed above, and that the above-named company/county has complied with all local, state, and federal requirements pursuant to K.S.A. 49-607(7).

First Name _____ **MI** _____ **Last Name** _____

Title _____ **Date** _____

Signature _____

DIVISION OF CONSERVATION APPROVAL

_____ Date _____

Mined Land Reclamation Program Manager
Division of Conservation, KDA

Notes:

